What is Claimed:

1.   A system providing network topology and bandwidth management comprising:

a connection module, said connection module capable of accepting inputs and providing outputs to various types of voice and non-voice data networks; and

a management module, said management module cooperating with the connection module to accept data from said voice and non-voice data networks for routing, wherein said routing comprises any of frequency shifting the data and/or time shifting the data such that the data may be communicated across the voice and non-voice networks, the management module performing at least one multiplexing operation to route multi-frequency signals to appropriate termination points cooperating with the management module which are selected based on the frequency of at least one component signal of the multi-frequency signals.

2.   The system as recited in claim 2, wherein the management module comprises a plurality of network adapters for use to connect to various voice and non-voice data networks.

3.   The system as recited in claim 2, further comprising a control circuit, the control circuit executing one or more instructions for use to determine the origination of the data and the destination of the data.

4.   The system as recited in claim 3, wherein the control circuit selects an appropriate network adapter based on the origination and destination of the data.

5.   The system as recited in claim 2, wherein the network adapters comprise any of: HPNA adapter, coaxial network adapter, Ethernet network adapter, wireless network adapter, POTS adapters, and power line network adapters.

6.   The system as recited in claim 5, wherein the data is processed according to the type of adapter.

7.   The system as recited in claim 1, further comprising a computing application, the computing application having a user interface for use in configuring the communication and management modules.

8.   The system as recited in claim 1, wherein the voice data networks comprise the public switched telephone network.

9.   The system as recited in claim 1, wherein the non-voice data networks comprise any of the Internet, a LAN, a WAN, and a peer-to-peer network.

10.   The system as recited in claim 1, wherein the management module is capable of processing various data communication protocols comprising any of IP, Ethernet and ATM.

11.   A method for the management of network topology and bandwidth comprising the steps of:

        determining the source of data for communication to a termination point, the termination point having a predetermined operational signal frequency;

        based on the termination of data and the predetermined operational signal frequency, selecting the appropriate network topology adapter, wherein the network topology adapter comprises any of HPNA adapter, coaxial network adapter, Ethernet network adapter, wireless network adapter, POTS adapters, and power line network adapters; and

        communicating the data to the termination point.

12.   The method as recited in claim 11, further comprising routing the data using addressing information.

13.   The method as recited in claim 12, further comprising configuring the adapters, wherein a computing application capable of configuring the adapters is used.

14.   The method as recited in claim 11, further comprising executing at least one instruction set for use in selecting the appropriate adapter, the instruction set being executed by a control logic circuit.

15.   The method as recited in claim 11, further comprising frequency and/or time shifting the data before communication to the termination point.

16.   An apparatus for the management of network topology and bandwidth comprising:

an input module, the input module having ports to receive various network couplers from various voice and non-voice data networks;

a control module, the control module having at least one instruction set for execution to determine the source and destination points of data which is communicated across the apparatus to and from the various voice and non-voice data networks, the determination of source and destination points being performed based on the operational frequency ranges of the source and/or destination points; and

an output module, the output module cooperating with the control module to select an appropriate network adapter for use to communicate data to the destination point, wherein the adapters comprise any of HPNA adapter, coaxial network adapter, Ethernet network adapter, wireless network adapter, POTS adapters, and power line network adapters, the network adapters being selected based on the operational frequency of the source and destination points.

17. The apparatus as recited in claim 16, further comprising:

a computing application interface, the computing application interface for use to communicate with at least one computing application for use in configuring the apparatus.

18. The apparatus as recited in claim 17 further comprising, wherein the computing application comprises a Web browser interface.

19. The apparatus as recited in claim 16, wherein the output module comprises a plurality of output ports for use when routing data.

20. The apparatus as recited in claim 19, wherein the output ports comprise RJ-11 type ports.